warehousing industry Code No.080401

Type of accidents in warehousing in 1999-2021

Type of accidents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Type of accidents
fall from height	70	84	97	84	80	99	71	87	88	88	68	72	75	96	86	74	88	104	118	93	107	94	96	2,019	fall from height
falling to same level	55	58	54	59	46	57	52	59	67	93	83	72	86	106	96	106	110	123	132	138	148	143	170	2,113	falling to same level
crash	25	22	27	20	33	32	31	28	34	35	40	30	30	38	40	40	65	47	38	46	57	52	58	868	crash
struck by flying or falling object	22	26	30	25	39	24	26	35	29	33	26	31	27	24	26	38	23	32	38	35	39	40	34	702	struck by flying or falling object
collapse	7	11	19	10	17	20	12	22	17	18	18	14	13	16	17	14	13	11	12	18	26	16	23	364	collapse
crashed by	26	28	18	36	34	31	42	31	37	48	45	23	45	41	55	50	53	45	56	53	62	61	72	992	crashed by
caught in/between	74	72	76	85	95	57	82	86	94	73	67	75	67	75	82	72	86	86	86	85	73	86	97	1,831	caught in/between
cut	10	10	9	17	9	13	8	10	14	16	10	14	19	18	13	11	6	8	12	24	14	13	14	292	cut
injury to the sole of the foot	1	1			1	2					1			1	2	1		1		1		1		13	injury to the sole
drown				1									2	1										4	drown
contact to high/low- temperature	3	2	2	1	2		4	6	2	1	3	7	3	5	8	5	5	5	5	9	14	8	3	103	contact to high/low- temperature

contact to harmful	1		1	2	1	1		2	2			3	3		1	1			1		4	3		26	contact to harmful substance
electric shock																1					1			2	electric shock
explosion																									explosion
burst																									burst
fire							1	1			1													3	fire
traffic accident (public road)	6	8	4	6	7	6	4	5	3	6	9	4	5	4	11	2	5	4	9	5	3	6		122	traffic accident (public road)
traffic accident (others)						1	1													1			1	4	traffic accident (others)
reaction to motion/improper motion	39	40	33	40	36	45	49	47	49	48	38	51	65	69	73	86	103	80	110	103	114	151	178	1,647	reaction to motion/improper motion
others		3	3		4	4	2	1	1	4	2	2	4	1	2	1	1	2	2	4	4	10	35	92	others
unclassifiable	1				2		1	2		1				2	1		1		1			1		13	unclassifiable
total	340	365	373	386	406	392	386	422	437	464	411	398	444	497	513	502	559	548	620	615	666	685	781	11,210	total

Causal agents (large) of fatal and non-fatal accidents in warehousing in 1999-2021

Causal (L) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021		Causal (L)
edusur (E) ugents									2007			2010		2012	2013	2011	2013	2010	2017	2010	2017	2020		II I	agents
machine	13	9	11	15	13	18	10	13	12	11	9	12	8	9	9	8	7	10	11	12	9	14	16	259	machine
crane, conveying																									crane,

machine	125	140	135	131	158	115	136	138	152	137	144	104	115	117	145	123	122	153	140	135	162	154	135	3,116	conveying
machine																									machine
other equipment	48	59	70	76	78	78	65	89	88	110	83	84	107	119	133	127	138	120	169	162	164	172	202	2,542	other
other equipment	40	39	/0	76	/6	76	03	09	00	110	83	04	107	119	133	127	136	120	109	102	104	172	203	2,342	equipment
tomporani buildings																									temporary
temporary buildings, establishments	62	74	54	61	58	83	61	69	70	95	87	82	86	101	86	89	106	131	130	127	136	132	148	2,128	buildings,
establishments																									establishments
substance, material	27	19	25	20	21	13	23	19	30	19	14	15	14	20	18	23	29	11	22	23	16	15	22	458	substance,
substance, material			25	20	21	ال	23		30					20		23	29			23				436	material
load	49	45	59	63	56	59	66	66	65	64	54	69	68	84	74	80	100	79	88	100	110	114	126	1,738	load
environment	2	1	6	1	2	3	8	9	5	7	5	15	19	15	19	20	11	11	13	12	17	7	19	227	environment
others	14	18	13	19	20	23	17	19	15	21	15	17	27	32	29	32	46	33	47	44	52	77	112	742	others
total	340	365	373	386	406	392	386	422	437	464	411	398	444	497	513	502	559	548	620	615	666	685	781	11,210	total

Causal agents (middle) of fatal and non-fatal accidents in warehousing in 1999-2021

Causal (M) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Causal (M) agents
engine														1				1						2	engine
power transmission mechanism				1		1	1			1	1	1		1			2	1					1	11	power transmission mechanism
woodworking machine	1	3	1	5	3	5	1	1	3	2	3	3	1	4		2		1		1		1	1	42	woodworking machine

construction machine						2									1		1				1		2	7	construction machine
metal manufacturing machine	3			1		1			1	1	1	1				2		1	1	2	1	2	1	19	metal manufacturing machine
general machine	9	6	10	8	10	9	8	12	8	7	4	7	7	3	8	4	4	6	10	9	7	11	11	178	general machine
mobile silviculture machine																									mobile silviculture machine
crane	8	9	12	12	12	1	6	11	7	8	5	3	4	3	9	4	3	3	4	6	5	5	5	145	crane
conveying machine	110	127	121	113	140	110	127	121	140	124	131	96	107	110	126	117	116	145	128	122	147	145	129	2,852	conveying machine
vehicle	7	4	2	6	6	4	3	6	5	5	8	5	4	4	10	2	3	5	8	7	10	4	1	119	vehicle
pressure vessel	1	1		1							1			1				1			1			7	pressure vessel
chemical facilities																									chemical facilities
welding equipment				1											1						1			3	welding equipment
kiln, caldron			1																					1	kiln, caldron
electric equipment					1			1		1			1		1	1			1	1	2		2	12	electric equipment
human power machine, tools	14	20	15	37	26	28	32	29	30	32	28	33	48	53	51	41	53	49	75	78	70	78	99	1,019	human power machine, tools

tools	27	35	46	31	47	43	25	52	46	68	42	39	53	57	69	65	74	56	74	68	74	81	92	1,264	tools
other equipments,	6	3	8	6	4	7	8	7	12	9	12	12	5	8	11	20	11	14	19	15	16	13	10	236	other equipments, facilities
temporary buildings, establishments	62	74	54	61	58	83	61	69	70	95	87	82	86	101	86	89	106	131	130	127	136	132	148	2,128	temporary buildings, establishments
hazards, harmful substances	1	2	1	1	1	1	1	3	1		2	1		2	2	1			2		5	2		29	hazards, harmful substances
materials	26	17	24	19	20	12	22	16	29	19	12	14	14	18	16	22	29	11	20	23	11	13	22	429	materials
load	49	45	59	63	56	59	66	66	65	64	54	69	68	84	74	80	100	79	88	100	110	114	126	1,738	load
natural environment	2	1	6	1	2	3	8	9	5	7	5	15	19	15	19	20	11	11	13	12	17	7	19	227	natural environment
other causal agent	2	4	7	3	8	8	3	2	3	7	3	2	4	6	5	6	5	4	8	6	6	10	41	153	other causal
no causal agent	10	14	6	16	11	14	11	15	11	12	11	15	22	24	24	24	38	29	38	37	46	67	70	565	no causal agent
unclassifiable	2				1	1	3	2	1	2	1		1	2		2	3		1	1			1	24	unclassifiable
total	340	365	373	386	406	392	386	422	437	464	411	398	444	497	513	502	559	548	620	615	666	685	781	11,210	total

Causal agents (small) of fatal and non-fatal accidents in warehousing in 1999-2021

Causal (S) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Causal (S) agents

engine											1			1				2	engine
power transmission mechanism				1			1	1	1		1		2	1			1	9	power transmission mechanism
circular sawing machine		1	3				1	1	1		4	2			1	1		15	circular sawing machine
band sawing machine																			band sawing machine
wood planer machine																			wood planer machine
hollow chisel mortiser, wood borer						1												1	hollow chisel mortiser, wood borer
chamfering machine, router, woodworking milling machine																			chamfering machine, router, woodworking milling machine
chain saw						1		1										2	chain saw
other woodworking machines				1	1	1	1	1	2	1				1			1	10	other woodworking machines
leveling, transporting or loading machine													1				1	2	leveling, transporting or loading machine
excavating machine																			excavating machine
foundation work																			foundation work

hardening machine																				hardening machine
demolition machine																				demolition machine
vehicle for high lift work																1		1	2	vehicle for high lift work
other construction machines											1								1	other construction machines
lathe												1			1				2	lathe
drill press, milling machine																				drill press, milling machine
grinding machine, buffing machine							1					1			1		2		5	grinding machine, buffing machine
power press														1		1			2	power press
forging pressure																				forging pressure
shearing machine						1													1	shearing machine
other metal manufacturing machines								1	1				1					1	4	other metal manufacturing machines
centrifugal machine					1														1	centrifugal machine
mixer, grinder		1		1	2						1								5	mixer, grinder
roll machine (except printingroll machine)			2	1		1	1			2				1			1			roll machine (except printingroll machine)
injection molding																				injection molding

machine																						machine
food manufacturing				1			1	1	2	1						2				1	9	food manufacturing
printing machine			1													1	1				3	printing machine
industrial robot			1														1		1		3	industrial robot
other general power machines		9	6	5	9	7	5	3	5	6	1	7	4	4	6	6	7	7	9	10	116	other general power machines
felling machine																						felling machine
mobile logging machine																						mobile logging machine
skyline yarding machine																						skyline yarding machine
other mobile silviculture machine																						other mobile silviculture machine
crane		6	9	5	3	5	6	1	1	3	1	4	1	2		3	2	1	1	2	56	crane
mobile crane		3			1	1			1			1	1	1		1		1	1		12	mobile crane
derrick crane																						derrick crane
elevator, lift		3	2	1	5	1	2	4	1	1	2	2	1		3		2	3	3	2	38	elevator, lift
cargo lifting appliance												1					1				2	cargo lifting appliance
gondola																						gondola
lumberyard																						lumberyard
equipment, logging																						equipment, logging
cableway																						cableway

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simple skyline yarding equipment																								simple skyline yarding equipment
other powered				1			2							1	1				1			1	7	other powered
truck		24		23		29	19	23	21	25	15	16	20	23	24	24	28	24	23	27	32	24	444	truck
forklift		81		106		93	88	100	87	96	63	78	73	85	77	75	102	94	82	97	100	89	1,666	forklift
railway equipment														1					1				2	railway equipment
conveyor		9		9		4	9	14	15	8	13	9	12	14	16	16	13	9	10	19	7	12	218	conveyor
loader		1					1																2	loader
straddle carrier																								straddle carrier
rough terrain hauler		1																					1	rough terrain hauler
other powered conveying machines		5		2		1	4	3	1	2	5	4	5	3		1	2	1	6	4	6	4	59	other powered conveying machines
cars, bus,		2		4		1	6	4	5	8	3	4	3	10	1	3	5	8	6	9	4	1	87	cars, bus,
railway vehicle																								railway vehicle
other vehicles				2		2		1			2		1		1				1	1			11	other vehicles
boiler																								boiler
pressure vessel																								pressure vessel
other pressure vessels										1			1				1			1			4	other pressure vessels
chemical facilities																								chemical facilities
gas welding														1						1			2	gas welding

equipment																						equipment
arc welding equipment																						arc welding equipment
other welding equipment																						other welding equipment
kiln, caldron																						kiln, caldron
industrial dryer																						industrial dryer
other kiln, caldron		1																			1	other kiln, caldron
transmission										1		1	1				1	2		2	8	transmission
electric power facilities			1																		1	electric power
other electrical equipment					1		1									1					3	other electrical equipment
human power cranes					1			1		2	1		1				1	16	6	17	46	human power cranes
human power hauling equipment		9	23	26	20	23	25	23	27	32	39	41	37	51	40	62	61	46	64	76	725	human power hauling equipment
human power				1	1		1		2	1	1	2									9	human power machine
hand tool		6	3	5	7	7	6	4	4	13	12	8	3	2	9	13	16	8	8	6	140	hand tool
ladder		21	16	12	19	11	19	13	14	13	17	21	16	23	16	29	22	20	21	21	344	ladder
slinging tool			3		2		2	3			1		1	1	1	1	2	1	1	1	20	slinging tool
other tools		25	28	13	31	35	47	26	25	40	39	48	48	50	39	44	44	53	59	70	764	other tools
other equipment,																						other equipment,

facilities		8	4	8	7	12	9	12	12	5	8	11	20	11	14	19	15	16	13	10	214	facilities
scaffolding			2	2	1	1	2	1			2	1			1	1			1		15	scaffolding
timbering																						timbering
stairs, landing stage		13	3	7	11	19	17	25	11	23	19	17	16	23	33	22	12	27	20	28	346	stairs, landing stage
opening		3	5	2	3	2	1	2	2	1				3	3	4	4	1	1	2	39	opening
roof, beam, haze, crossbeam, principal rafter					1	1	1	1				1		1			1	1	2	1	11	roof, beam, haze, crossbeam, principal rafter
working platform, boot board		13	13	9	11	7	15	17	18	14	22	10	14	14	17	21	13	13	16	15	272	working platform, boot board
passage		16	14	25	23	22	40	24	28	30	34	35	40	36	41	52	57	60	58	64	699	passage
building, establishment		6	11	7	9	14	13	9	14	14	12	12	10	16	16	16	18	15	18	16	246	building, establishment
other temporary buildings, establishments		3	10	9	10	4	6	8	9	4	12	10	9	13	20	14	22	19	16	22	220	other temporary buildings, establishments
explosive substance												1									1	explosive substance
inflammable substance					1			1			1										3	inflammable substance
inflammable gas				1	1						1										3	inflammable gas
harmful substance		1	1		1							1							1		5	harmful substance
radiation																						radiation
other hazards,						1		1	1				1			2		5	1		12	other hazards, harmful substances

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metal material		1	7		12	9	11	16	5	4	8	4	10	7	14	14	2	9	13	6	4	11	176	metal material
lumber, bamboo		3	3		5	7	4	6	5	6	3	4	4	5	3	8	3	3	3	1	3	4	80	lumber, bamboo
stone, sand, substance						1		1	1					1		1				1	2		8	stone, sand, substance
other materials		4	1		3	5	1	6	8	2	3	6	4	3	5	6	6	8	7	3	4	7	91	other materials
load		5	59		54	66	66	63	62	52	68	68	82	70	79	100	77	87	96	109	111	125	1,494	load
machine/equipment as load					2			2	2	2	1		2	4	1		2	1	4	1	3	1	28	machine/equipment as load
natural ground,						1			1							1							3	natural ground, rock
standing tree																								standing tree
water								1				2	1					1					5	water
abnormal environment											1												1	abnormal environment
high/cold temperature environment		3	3			4	4	3	2		6	2	2	7	5	6	5	5	7	14	5	3	83	high/cold temperature environment
other environments		3	3		2	3	5	1	4	5	8	15	12	12	15	4	6	7	5	3	2	16	128	other environments
other causal agent		7	7		8	3	2	3	7	3	2	4	6	5	6	5	4	8	6	6	10	41	136	other causal agent
no causal agent		6	5		11	11	15	11	12	11	15	22	24	24	24	38	29	38	37	46	67	70	511	no causal agent
unclassifiable					1	3	2	1	2	1		1	2		2	3		1	1			1	21	unclassifiable
total		3	373		406	386	422	437	464	411	398	444	497	513	502	559	548	620	615	666	685	781	9,727	total

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Age
19 years old or less	8	15	10	14	10	10	15	9	8	13	9	13	12	9	13	11	14	11	11	19	7	13	16	270	19 years old or less
20-29	79	82	80	82	85	68	64	71	81	73	66	65	54	67	85	79	67	69	73	72	82	82	88	1,714	20-29
30-39	59	80	76	65	94	97	90	102	113	97	96	90	87	107	112	115	107	112	104	89	102	126	127	2,247	30-39
40-49	71	52	75	83	73	84	86	79	92	101	101	84	103	120	125	113	148	132	168	159	162	157	181	2,549	40-49
50-59	88	107	96	113	109	96	92	119	101	118	89	90	119	124	97	124	129	132	167	170	192	188	235	2,895	50-59
60 years old or more	35	29	36	29	35	37	39	42	42	62	50	56	69	70	81	60	94	92	97	106	121	119	134	1,535	60 years old or more
total	340	365	373	386	406	392	386	422	437	464	411	398	444	497	513	502	559	548	620	615	666	685	781	11,210	total

Workers' number of workplace of fatal and non-fatal accidents in warehousing in 1999-2021

Workers scale	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Workers scale
9 workers or less	79	76	104	88	100	78	80	80	81	85	46	59	64	63	69	52	45	65	73	63	60	56	72	1,638	9 workers or less
10-29	107	104	99	112	125	135	122	128	123	122	128	92	105	124	117	117	130	111	128	134	155	139	150	2,807	10-29
30-49	68	62	64	82	57	59	58	74	78	80	73	70	70	74	84	69	110	88	91	90	85	102	125	1,813	30-49
50-99	34	51	61	49	63	54	52	64	73	80	65	63	82	86	101	102	109	120	118	124	145	140	129	1,965	50-99
100-299	43	54	33	45	47	49	63	58	65	75	80	97	104	119	113	131	140	132	161	173	172	168	214	2,336	100-299
300 workers or	9	18	12	10	14	17	11	18	17	22	19	17	19	31	29	31	25	32	49	31	49	80	91	651	300 workers or
more									.,										.,						more
total	340	365	373	386	406	392	386	422	437	464	411	398	444	497	513	502	559	548	620	615	666	685	781	11,210	total

Month of fatal and non-fatal accidents in warehousing in 1999-2021

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Month
January	26	34	30	37	31	41	19	32	31	28	35	20	33	41	38	35	40	36	54	46	49	52	65	853	January
February	25	16	23	32	33	19	22	28	42	39	24	33	29	43	43	45	38	42	45	40	55	43	66	825	February
March	28	35	32	29	46	31	33	30	38	51	46	27	39	52	46	35	48	58	49	55	52	58	49	967	March
April	28	32	38	27	33	32	27	37	27	27	38	29	32	33	30	44	55	47	49	38	62	50	79	894	April
May	32	27	29	28	38	35	36	37	32	43	33	24	40	38	45	33	44	41	44	59	58	52	75	923	May
June	31	33	28	40	35	43	35	31	35	40	37	40	49	47	32	47	53	53	70	46	57	56	51	989	June
July	30	27	24	34	37	32	38	26	40	51	39	37	39	43	44	62	50	51	61	57	76	72	72	1,042	July
August	32	33	31	31	32	32	33	40	38	43	27	40	34	44	56	36	45	42	58	57	59	70	51	964	August
September	25	28	36	29	35	30	41	39	38	31	43	28	47	45	45	48	48	45	53	43	45	65	86	973	September
October	29	33	36	36	31	33	35	40	39	38	35	46	33	41	55	45	43	51	50	57	57	56	58	977	October
November	28	35	35	35	25	30	31	44	41	39	32	34	30	42	43	31	36	43	43	55	46	53	60	891	November
December	26	32	31	28	30	34	36	38	36	34	22	40	39	28	36	41	59	39	44	62	50	58	69	912	December
total	340	365	373	386	406	392	386	422	437	464	411	398	444	497	513	502	559	548	620	615	666	685	781	11,210	total

Prefecture of fatal and non-fatal accidents in warehousing in 1999-2021

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Prefecture
Hokkaido	12	16	15		20		20	17	17	12	15	17	7	14	15	11	17	9	23	13	13	28	47	358	Hokkaido
Aomori	4	1	2		2		4	8	5	14	11	7	8	9	9	11	7	4	6	9	6	2	9	138	Aomori
						\Box																			

lwate	1	4	2	1	2	6	9	2	3	3	4	5	3	3	3	3	8	6	6	2	7	83	lwate
Miyagi	6	8	14	14	13	20	17	20	13	12	22	16	21	23	17	18	16	20	18	33	39	380	Miyagi
Akita	1	1	3	1	1	2	1	3			1		2	2			2		1	2	2	25	Akita
Yamagata	3		1		3		1		1	3	3	4	5	4	2	1	1	1	2	1	2	38	Yamagata
Fukushima		1	1	3	3	5	7	1	3	2	5	2	7	3	4	12	10	6	6	9	13	103	Fukushima
Ibaraki	3	7	15	10	14	12	12	11	12	15	20	13	20	22	18	21	27	32	31	30	45	390	Ibaraki
Tochigi	4	8	4	12	8	6	6	6	5	6	5	6	12	2	6	13	7	10	17	11	13	167	Tochigi
Gunma	8	5	8	9	4	8	7	7	5	2	11	12	24	11	12	7	11	8	17	16	14	206	Gunma
Saitama	22	28	27	29	29	31	29	31	38	31	35	54	44	53	62	66	69	45	49	61	90	923	Saitama
Chiba	17	19	17	21	21	12	17	28	32	38	57	49	24	38	24	29	37	42	51	35	31	639	Chiba
Tokyo	31	25	26	20	25	20	25	33	27	30	24	28	28	30	37	33	52	47	49	57	66	713	Tokyo
Kanagawa	26	38	30	31	22	17	36	25	25	13	23	28	33	45	35	50	22	34	37	47	37	654	Kanagawa
Niigata	5	4	3	4	3	6	5	5	5	12	6	5	5	7	8	10	15	7	13	7	5	140	Niigata
Toyama	1		3	3		2	4	5	1	2	3	4	3	4	1	2		3	2	2	1	46	Toyama
Ishikawa		1	1	2	2	4	4	4	5	4	3	3	3	3	6	3	4	5	7	7	4	75	Ishikawa
Fukui	3	8	2	3	2	1	4	5	5	4	2	3	6	2	2	4	6	6	1	2	4	75	Fukui
Yamanashi	1		1		2		2	1		2	2	1	1	3	4	1	2	3	3	2	12	43	Yamanashi
Nagano	1	1	6	1	7	2	6	2	6	5	3	2	2	1	5	3	7	4	13	6	9	92	Nagano
Gifu	4	3	5	6	3	8	5	4	3	7	6	5	6	7	11	6	15	13	20	15	4	156	Gifu
Shizuoka	16	17	9	13	14	14	12	22	14	16	20	16	10	11	20	14	25	20	35	22	19	359	Shizuoka
Aichi	33	32	33	33	29	25	28	43	28	30	26	27	20	26	22	26	33	28	34	43	38	637	Aichi
Mie	6	9	9	10	5	8	5	4	6	7	7	7	3	7	7	3	3	8	10	7	4	135	Mie
Shiga	4	4	6	12	4	15	11	10	7	17	7	7	17	9	11	18	9	17	18	17	18	238	Shiga

Kyoto	8	13	5	9	9	5	9	9	4	6	6	4	10	4	13	14	11	16	15	20	13	203	Kyoto
Osaka	37	36	50	48	42	60	60	57	58	29	35	71	67	58	52	52	77	69	71	80	107	1,216	Osaka
Hyogo	16	14	21	15	13	26	20	17	18	19	25	15	14	28	28	27	33	26	29	29	31	464	Hyogo
Nara	1	1	2		4	3	3	4	1	3	2	5	3	4	8	2		4	7	3	6	66	Nara
Wakayama	4	3	2	3	2		2	2	2		1	1	3	1	2	5	2	1	2	5	4	47	Wakayam
Tottori	1	2					2		1					1	1		1	1			1	11	Tottori
Shimane								1	1				1		1	2		1	1			8	Shimane
Okayama	9	6	3	6	11	10	7	17	8	5	4	8	10	6	9	7	6	12	10	9	11	174	Okayama
Hiroshima	9	6	4	9	13	18	15	17	18	19	19	11	17	5	15	10	15	12	13	16	19	280	Hiroshima
Yamaguchi	2	1	1	1	3	3	1	3		2	1	5	2	3	4	2	5	1	7	4	3	54	Yamaguch
Tokushima					3	1	1	1		1		2							1	2		12	Tokushim
Kagawa	4	2	2	3	1	2	2	1	3		1	3		3		1	2	2	7	4	2	45	Kagawa
Ehime	2	2		5	3	4	4	1	3	3	1	1		2	3		2	3	4	2	4	49	Ehime
Kochi	2		1				1							1		1	1	1		1	4	13	Kochi
Fukuoka	18	19	30	21	25	31	30	21	15	13	21	31	37	29	45	37	36	55	26	17	13	570	Fukuoka
Saga	4	3		6	7	3	2	2	1	2	9	8	6	7	15	10	6	8	4	5	8	116	Saga
Nagasaki	5	5	4	5	2			1	2	1		1	2	2	3		3		1	3	3	43	Nagasaki
Kumamoto	1	4	2	6	3			1	2	1	3	2	5	3	5	3	2	1	1	2	5	52	Kumamot
Oita				1	1	2	2				1		1					1	1	1		11	Oita
Miyazaki		1	1				1	4		2	1		1	3	8	5	3	2	2	4	1	39	Miyazaki
Kagoshima	4	6	2	8	4	5		6	4	6	2	9	7	3	6	9	4	10	4	7	7	113	Kagoshim
Okinawa	1	1						1		1	2		4	1		5	1	2	1	7	6	33	Okinawa
total	340	365	373	406	386	422	437	464	411	398	444	497	513	502	559	548	620	615	666	685	781	10,432	total

Fatal and non-fatal accidents mean fatal and non-fatal injuries and occupational diseases with work absence of 4 days and more. Data of 2011 year include fatal and non-fatal accidents caused by Great East Japan Earthquake in 2011.

Data sources: https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.htm (MHLW, Japan)

Return to https://www.jisha.or.jp/english/statistics/2021e_industry.html

Fatal accidents in warehousing in Japan in 1999-2021

warehousing industry Code No.080401

Type of fatal accidents in warehousing in 1999-2021

Type of accidents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Type of accidents
fall from height		2		3	3	2			1	2		1	2	1		1	1	1	2	1				23	fall from height
falling to same level		1				1							1		1				1					5	falling to same level
crash																		1						1	crash
struck by flying or falling object				1	1							1									1			4	struck by flying or falling object
collapse	1		1		1		1							1									1	6	collapse
crashed by					1			4	1					1									1	8	crashed by
caught in/between	2	1	2	1	1	2		2	3	2		1		1				1		1	1	1		22	caught in/between

-																									
cut																									cut
injury to the sole of																									injury to the sole
the foot																									of the foot
drown													2	1					1					4	drown
contact to high/low-																									contact to
temperature							1																	1	high/low-
temperature																									temperature
contact to harmful																									contact to
substance												1												1	harmful
																									substance
electric shock																									electric shock
explosion																									explosion
burst																									burst
fire											1													1	fire
traffic accident (public	1													1											traffic accident
road)														I										2	(public road)
tuaffic accident (athors)																									traffic accident
traffic accident (others)																									(others)
reaction to																									reaction to
motion/improper																									motion/improper
motion																									motion
others						1	1					1			1		1			1				6	others
unclassifiable																									unclassifiable
total	4	4	3	5	7	6	3	6	5	4	1	5	5	6	2	1	2	3	4	3	2	1	2	84	total

Causal agents (large) of fatal accidents in warehousing in 1999-2021

Causal (L) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Causal (L) agents
machine																									machine
crane, conveying machine	3	3	2	3	5	2	1	6	5	2		1	1	4				2	1	2	1	1	1		crane, conveying machine
other equipment																	1				1			2	other equipment
temporary buildings, establishments	1	1		1	1	3				2		1	1		1	1		1	2						temporary buildings, establishments
substance, material			1	1																			1	3	substance, material
load					1							1	1	1										4	load
environment							1					1	2	1					1					6	environment
others						1	1				1	1			1		1			1				7	others
total	4	4	3	5	7	6	3	6	5	4	1	5	5	6	2	1	2	3	4	3	2	1	2	84	total

Causal agents (middle) of fatal accidents in warehousing in 1999-2021

																									Causal (M)	
Causal (M) agents	1999	2000 2	2001 2	2002 2	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total		

																						agents
engine																						engine
power transmission mechanism																						power transmission mechanism
woodworking machine																						woodworking machine
construction machine																						construction machine
metal manufacturing machine																						metal manufacturing machine
general machine																						general machine
mobile silviculture machine																						mobile silviculture machine
crane	1			3					2												6	crane
conveying machine	1	3	2		5	2	1	6	3	2	1	1	4		2	1	2	1	1	1	39	conveying machine
vehicle	1																				1	vehicle
pressure vessel																						pressure vessel
chemical facilities																						chemical facilities

welding equipment																						welding
																						equipment
kiln, caldron																						kiln, caldron
electric equipment																						electric equipment
human power machine,																			1		1	human power
tools															1						1	tools
other equipments,																						other equipments, facilities
temporary buildings, establishments	1	1		1	1	3			2	1	1		1	1		1	2				16	temporary buildings, establishments
hazards, harmful substances																						hazards, harmful substances
materials			1	1																1	3	materials
load					1					1	1	1									4	load
natural environment							1			1	2	1					1				6	natural environment
other causal agent																						other causal agent
no causal agent						1	1			1			1		1			1			6	no causal agent

unclassifiable											1													1	unclassifiable
total	4	4	3	5	7	6	3	6	5	4	1	5	5	6	2	1	2	3	4	3	2	1	2	84	total

Causal agents (small) of fatal accidents in warehousing in 1999-2021

Causal (S) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Causal (S) agents
engine																									engine
power transmission mechanism																									power transmission mechanism
circular sawing machine																									circular sawing machine
band sawing machine																									band sawing machine
wood planer machine																									wood planer machine
hollow chisel mortiser, wood borer																									hollow chisel mortiser, wood borer
chamfering machine, router, woodworking milling machine																									chamfering machine, router, woodworking milling machine
chain saw																									chain saw
other woodworking																									other woodworking

machines												machines
leveling,												leveling,
transporting or												transporting or
loading machine												loading machine
excavating machine												excavating machine
foundation work												foundation work
machine												machine
hardening machine												hardening machine
demolition machine												demolition machine
vehicle for high lift												vehicle for high lift
work												work
other construction												other construction
machines												machines
lathe												lathe
drill press, milling												drill press, milling
machine												machine
grinding machine,												grinding machine,
buffing machine												buffing machine
power press												power press
forging pressure												forging pressure
hammer												hammer
shearing machine												shearing machine
other metal												other metal
manufacturing												manufacturing

machines															machines
centrifugal machine															centrifugal machine
mixer, grinder															mixer, grinder
roll machine (except printingroll machine)															roll machine (except printingroll machine)
injection molding machine															injection molding machine
food manufacturing machine															food manufacturing machine
printing machine															printing machine
industrial robot															industrial robot
other general power machines															other general power machines
felling machine															felling machine
mobile logging machine															mobile logging machine
skyline yarding machine															skyline yarding machine
other mobile silviculture machine															other mobile silviculture machine
crane	1		1			2								4	crane
mobile crane															mobile crane
derrick crane															derrick crane

1.											 			 	 							
elevator, lift																						elevator, lift
cargo lifting																						cargo lifting
appliance																						appliance
gondola																						gondola
lumberyard																						lumberyard
equipment, logging																						equipment, logging
cableway																						cableway
simple skyline																						simple skyline
yarding equipment																						yarding equipment
other powered				2																	2	other powered
crane																						crane
truck					1								2								3	truck
forklift	1	3	1		4	2	1	6	3	2		1	2		2	1	2		1	1	33	forklift
railway equipment																						railway equipment
conveyor											1										1	conveyor
loader																						loader
straddle carrier																						straddle carrier
rough terrain hauler																						rough terrain hauler
other powered																		1				other powered
conveying machines			I															ı			2	conveying machines
cars, bus,	1																				1	cars, bus,
motorcycle	ı L																				11 - 1	motorcycle
railway vehicle																						railway vehicle
other vehicles																						other vehicles

boiler														boiler
pressure vessel														pressure vessel
other pressure														other pressure
vessels														vessels
chemical facilities														chemical facilities
gas welding														gas welding
equipment														equipment
arc welding														arc welding
equipment														equipment
other welding														other welding
equipment														equipment
kiln, caldron														kiln, caldron
industrial dryer														industrial dryer
other kiln, caldron														other kiln, caldron
transmission														transmission
electric power														electric power
facilities														facilities
other electrical														other electrical
equipment														equipment
human power											1		1	human power
cranes											<u> </u>			cranes
human power														human power
hauling equipment														hauling equipment

human power																		human power
machine																		machine
hand tool																		hand tool
ladder												1					1	ladder
slinging tool																		slinging tool
other tools																		other tools
other equipment,																		other equipment,
scaffolding																		scaffolding
timbering																		timbering
stairs, landing stage																		stairs, landing stage
opening		1			1				1								3	opening
roof, beam, haze, crossbeam, principal rafter					1												1	roof, beam, haze, crossbeam, principal rafter
working platform, boot board							2	1		1				1			5	working platform, boot board
passage					1												1	passage
building, establishment	1		1										1				3	building, establishment
other temporary buildings, establishments				1							1			1			3	other temporary buildings, establishments
explosive substance																		explosive substance

inflammable																		inflammable
substance																		substance
inflammable gas																		inflammable gas
harmful substance																		harmful substance
radiation																		radiation
other hazards,																		other hazards,
harmful substances																		harmful substances
metal material																1	1	metal material
lumber, bamboo			1														1	lumber, bamboo
stone, sand,																		stone, sand,
substance																		substance
other materials		1															1	other materials
load				1					1	1	1						4	load
machine/equipment																		machine/equipment
as load																		as load
natural ground,																		natural ground,
rock					<u> </u>													rock
standing tree																		standing tree
water										2	1			1			4	water
abnormal									1								1	abnormal
environment																		environment
high/cold																		high/cold
temperature						1											1	temperature
environment																		environment

other environments																									other environments
other causal agent																									other causal agent
no causal agent						1	1					1			1		1			1				6	no causal agent
unclassifiable											1													1	unclassifiable
total	4	4	3	5	7	6	3	6	5	4	1	5	5	6	2	1	2	3	4	3	2	1	2	84	total

Workers age of fatal accidents in warehousing in 1999-2021

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Age
19 years old or less																									19 years old or less
20-29	1	1	1		1					1		1		2					1					9	20-29
30-39	2	1		2		2	1	1	1			2	2	2			1	2		1	1			21	30-39
40-49						1	2			2		1	3	1	1	1			1	1		1	1	16	40-49
50-59		1	2	1	4	3		1	3	1	1	1							2		1			21	50-59
60 years old or	1	1		2	2			4	1					1	1		1	1		1			1	17	60 years old or
more	1	•						4	I					I				1		1				II I	more
total	4	4	3	5	7	6	3	6	5	4	1	5	5	6	2	1	2	3	4	3	2	1	2	84	total

Workers' number of workplace of fatal accidents in warehousing in 1999-2021

Workers scale	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Workers scale
9 workers or less	1	1	1		1			3	2	2	1	1	1	2	1				1			1		19	9 workers or less
10-29	1	2	2	2	5	4	1		1			2	3	2		1	1	2	1		1		1	32	10-29

30-49	1	1		3		1	1	1				2			1		1	1	2	2	1		1	19	30-49
50-99	1				1			1	1	1				1										6	50-99
100-299							1	1		1			1							1				5	100-299
300 workers or						1			1					1										3	300 workers or
more									•					•											more
total	4	4	3	5	7	6	3	6	5	4	1	5	5	6	2	1	2	3	4	3	2	1	2	84	total

Month of fatal accidents in warehousing in 1999-2021

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Month
January						2								1						1				4	January
February	1		1															1		1				4	February
March					1			1				1	1	1				1					1	7	March
April	1				1	1				2							1							6	April
May		2					2	1		2	1													8	May
June					1	1		1	1				2	1	1	1			2		2			13	June
July			1	1	1			1																4	July
August		1			1		1	1					1	2			1		1				1	10	August
September			1	1				1	2			1		1					1					8	September
October				1		1			1			1			1			1		1				7	October
November	1			2	1	1			1			1										1		8	November
December	1	1			1							1	1											5	December
total	4	4	3	5	7	6	3	6	5	4	1	5	5	6	2	1	2	3	4	3	2	1	2	84	total

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Prefecture
Hokkaido		1	1									1		1					2					6	Hokkaido
Aomori	1							1						1										3	Aomori
lwate																									lwate
Miyagi	2												1						1					4	Miyagi
Akita																									Akita
Yamagata																									Yamagata
Fukushima																									Fukushima
Ibaraki								1													1			2	Ibaraki
Tochigi																									Tochigi
Gunma								1																1	Gunma
Saitama				1		2			1				1											5	Saitama
Chiba	1							1		3							1				1			7	Chiba
Tokyo						1						1					1	1					1	5	Tokyo
Kanagawa		1		1	1				1				1											5	Kanagawa
Niigata					1																			1	Niigata
Toyama																				1				1	Toyama
Ishikawa			1						1									1						3	Ishikawa
Fukui																									Fukui
Yamanashi																									Yamanashi

Nagano	1																			1	Nagano
Gifu													1							1	Gifu
Shizuoka			1	1		1					1	1								5	Shizuoka
Aichi				1		2				1						1				5	Aichi
Mie				1																1	Mie
Shiga							1		1										1	3	Shiga
Kyoto																					Kyoto
Osaka	1		1		1						1	1	1	2				1		9	Osaka
Hyogo					1		1	1							1					4	Hyogo
Nara					1															1	Nara
Wakayama																					Wakayama
Tottori																					Tottori
Shimane																					Shimane
Okayama				1				1					1							3	Okayama
Hiroshima											1							1		2	Hiroshima
Yamaguchi													1							1	Yamaguchi
Tokushima																					Tokushima
Kagawa																					Kagawa
Ehime																					Ehime
Kochi																					Kochi
Fukuoka		1																		1	Fukuoka
Saga																					Saga
Nagasaki			1														1			2	Nagasaki

Kumamoto																							1	1	Kumamoto
Oita																									Oita
Miyazaki																									Miyazaki
Kagoshima					1																			1	Kagoshima
Okinawa																									Okinawa
total	4	4	3	5	7	6	3	6	5	4	1	5	5	6	2	1	2	3	4	3	2	1	2	84	total

Data sources: https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.htm (MHLW, Japan)

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